

### **ABSTRACT OF THE DISCLOSURE**

The present invention relates to nucleic acid molecules involved in HIV infection, proteins encoded by such nucleic acid molecules, and protective compounds including such nucleic acid molecules, proteins and inhibitors of products encoded by such nucleic acid molecules. In addition, the invention also relates to methods for identifying additional genetic suppressor elements, cellular genes corresponding to such GSEs, and methods of using such cellular genes and their encoded products in screening assays for selecting additional inhibitors of HIV.